

STORAGE CONTAINER FOR COMPACT DISK PROTECTIVE COVER

BACKGROUND OF THE INVENTION

(a) Field of the Invention

5 The invention relates to a storage container for compact disk protective covers, and more particularly, to a storage container for storing and thus facilitating accessing, packaging and arranging compact disk protective covers. The storage container according to the invention uses a design of corresponding arched aperture formed at a top portion thereof and a long opening formed at an edge of a side portion thereof, so as to favor access of the compact disk protective covers contained therein. The storage container also preserves and packages the compact disk intact, thereby overcoming drawbacks of a prior plastic coating packaging that leads to scattered compact disk protective covers once the plastic coating is unsealed.

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(b) Description of the Prior Art

Accompanied with advancement of computer technologies, related peripheral devices also progress as each passing day. Former computers not so long ago provided only commercial data processing and algorithmic functions. However, as demands of users grow,

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computers are no longer limited for working purposes only but also play a significant role in modern people's entertainment. For example, surfing on the Internet, playing games, developing graphics, listening to music, watching movies, and many other recreational activities are almost integrated into computer functions. It is indisputable that computers are gradually replacing people's way of pastime originally offered by televisions.

Among computer peripherals, compact disk burners are considered as a rather important part. Compact disk burners provide backup data for long-term storage, and are also a practical tool for duplicating video compact disks. Therefore, uses of compact disks are getting more and more extensive, and various corresponding designs of protective covers and storage containers for compact disks have become available on the market. For packaging current bulk compact disk protective covers, a plastic coating is generally employed for covering a pile of compact disks, which are altogether sealed using heat. Nevertheless, compact disks packaged using the above method causes inconveniences for that they frequently become scattered and are hard to store when unsealed.

SUMMARY OF THE INVENTION

The primary object of the invention is to provide a storage container for

storing compact disk protective covers, and for facilitating users to readily access the compact disk protective cover stored in the storage container, thereby overcoming the drawback of a prior plastic coating packaging that leads to scattered compact disk protective covers once
5 the plastic coating is unsealed.

The second object of the invention is to provide a storage container capable of serving as packaging of compact disk protective covers, thereby functioning as a sealed storage container for processed blank compact disks.

10 To accomplish the above objects, the invention provides a storage container for compact disk protective covers. The storage container according to the invention, unlike the prior thermal packaging of compact disk protective covers that likely become scattered and hard to store when unsealed, offers well-organized storage and arrangement for
15 sealed off but unused compact disk protective covers, and enables users to handily access the compact disk protective covers contained therein.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows an elevational view of the storage container according to the invention.

20 FIG. 2 shows a planar view illustrating a spread board of the storage

device according to the invention.

FIG. 3 shows an elevational view of the storage container according to the invention accommodating compact disk protective covers.

FIG. 4 shows a first schematic view of the storage container according to the invention being used.

FIG. 5 shows a second schematic view of the storage container according to the invention being used.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

To better understand the technical contents of the invention, detailed descriptions shall be given with the accompanying drawings hereunder.

Referring to FIGS. 1 to 3 showing a storage container 1 for compact disk protective covers in a preferred embodiment according to the invention, the storage container 1 formed by folding an integral board comprises:

a top portion 11 provided with an arched aperture 110, and corresponding left and right folding portions 111 and 111' at a front edge thereof;

a left portion 15 and a right portion 14 provided at two sides of the top portion; and further formed with corresponding connection lugs 151 and

151', and 141 and 141', respectively;

a bottom portion 16 connected to the right portion 14; functioning as a bottom plane of the storage container 1; and provided with an adhering piece 161 at an end thereof for adhering to a side edge 150 of the left portion 15, and a rear side portion 13 at a rear side thereof for serving as a rear side cover of the storage container 1, wherein the rear side portion 13 is further formed with an insertion piece 131 for inserting into and assembling with a gap of the folded connection lugs 151' and 141' when the top portion 11 is folded;

a pair of corresponding front side portions 12 and 12' formed at an upper edge of the bottom portion 16; serving as front side covers of the storage container 1; and formed with a folding portion 121 at a front edge of the front side portion 12', wherein middle parts of the front side portions 12 and 12' double folded are formed with a long opening 12, which corresponds with the arched aperture 110 at the top portion 11 when the front side portions 12 and 12' are folded, so as to form an L-shaped opening.

When the storage container 1 is collapsed, the side edge 150 of the left portion 15 is adhered to the adhering piece 161 of the bottom portion 16 in order to form a hollow frame-like body. The connection lugs 151' and 141' are folded inward and the rear side portion 13 is folded to cover

thereon, and the insertion piece 131 is inserted into a folded gap between the lugs 151' and 141', and the top portion 11. In addition, the front side portions 12 and 12' are double folded. At this point, a portal end of the long opening 120 is corresponded with the arched aperture 110 of the top portion 11, and the folding portion 121 is folded at an inner side of an accommodating chamber 10. The two corresponding folding portions 111 and 111' are folded inward to become butted against and folded at the folding portion 121, thereby completing a collapsed structure of the storage container 1.

Referring to FIGS. 4 and 5 showing the storage container 1 according to the invention being used, wherein the accommodating chamber 10 formed at the storage container 1 may accommodate compact disk protective covers 2, and thus serve as storage container 1 for packaging and sealing. The storage container 1 according to the invention is distinct from the prior packaging using plastic coatings, which frequently leads to scattered compact disk protective covers 2 when unsealed. Furthermore, in the storage container 1 according to the invention, the design of the corresponding arched aperture 110 at the top portion 11 and the long opening 120 at the front side portion 12 facilitates users to easily access the contained compact disk protective covers 2 in

sequence. By preserving and packaging the compact disk protective covers 2 intact, the storage container 1 also overcomes drawbacks of the prior plastic coating packaging that frequently leads to scattered compact disk protective covers once the plastic coating is unsealed.

- 5 It is of course to be understood that the embodiment described herein is merely illustrative of the principles of the invention and that a wide variety of modifications thereto may be effected by persons skilled in the art without departing from the spirit and scope of the invention as set forth in the following claims.